

Multiplying Fractions

P 5-2

Write an equation for each picture.



Find each product. Simplify if possible.

3. $\frac{7}{10} \times \frac{13}{14} =$ _____

4. $\frac{4}{5} \times \frac{7}{8} =$ _____

5. $\frac{3}{7} \times \frac{4}{9} =$ _____

6. $\frac{2}{5} \times \frac{3}{10} =$ _____

7. $\frac{5}{9} \times \frac{24}{25} =$ _____

8. $\frac{18}{21} \times 15 =$ _____

9. $\frac{3}{5} \times \frac{17}{21} =$ _____

10. $\frac{11}{12} \times \frac{30}{33} =$ _____

11. **Reasoning** Which is the lesser product, $\frac{5}{6} \times \frac{9}{10}$ or $\frac{5}{6} \times \frac{1}{5}$?
Explain how you know.
- _____

Pamela spent $\frac{2}{3}$ of one hour doing homework. She solved math problems for $\frac{2}{5}$ of that time and read her science book for $\frac{3}{5}$ of that time. What fraction of one hour did Pamela spend

12. solving math problems? _____

13. reading her science book? _____

Test Prep

14. Find $\frac{7}{13} \times \frac{4}{7}$.

A. $\frac{3}{13}$

B. $\frac{4}{13}$

C. $\frac{3}{15}$

D. $\frac{4}{15}$

15. **Writing in Math** Explain how you would find the product of $\frac{8}{15}$ and $\frac{9}{16}$.
- _____
- _____